

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/511,530
Source: P5110
Date Processed by STIC: 8/8/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/511,530

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."

- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

- 3 ✓ Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

- 4 ✓ Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**

- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES." response to **include** the skipped sequences.

- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000

- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
 In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence

- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

- 13 Misuse of n/Xaa "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



PCT

RAW SEQUENCE LISTING

DATE: 08/08/2005

PATENT APPLICATION: US/10/511,530

TIME: 09:54:56

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

*see item 4 on
Error summary sheet*

4 <110> APPLICANT: CEREMEDIX, INC.
5 Adams, David S.
6 Shashoua, Victor E.
8 <120> TITLE OF INVENTION: PEPTIDE-DEPENDENT UPREGULATION OF TELOMERASE EXPRESSION
W--> 9 <130> FILE REFERENCE: 6285-04US
11 <140> CURRENT APPLICATION NUMBER: US 10/511,530
C--> 12 <141> CURRENT FILING DATE: 2004-10-15
14 <150> PRIOR APPLICATION NUMBER: PCT/US03/03425
15 <151> PRIOR FILING DATE: 2003-02-03
17 <160> NUMBER OF SEQ ID NOS: 31

ERRORED SEQUENCES

19 <210> SEQ ID NO: 1
20 <211> LENGTH: 12
21 <212> TYPE: PRT
22 <213> ORGANISM: artificial
24 <220> FEATURE:
25 <223> OTHER INFORMATION: upregulator of telomerase expression
27 <400> SEQUENCE: 1
29 Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro Gly Gln
E--> 30 1 ~~5-10~~ 5
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 6
35 <212> TYPE: PRT
36 <213> ORGANISM: artificial
38 <220> FEATURE:
39 <223> OTHER INFORMATION: upregulator of telomerase expression
41 <400> SEQUENCE: 2
43 Gln Thr Leu Gln Phe Arg
E--> 44 1 ~~5~~
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 7
48 <212> TYPE: PRT
49 <213> ORGANISM: artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: upregulator of telomerase expression
55 <220> FEATURE:
W--> 56 <221> NAME/KEY: MISC FEATURE
57 <222> LOCATION: (1)..(1)
58 <223> OTHER INFORMATION: X1 is Asp or Asn
60 <220> FEATURE:

*pg 1-7
Does Not Comply
Corrected Diskette Needed*

*10 ← mislabeled amino acid numbers - see
item 3*

*on Error
summary
sheet*

same error

*use MISC_FEATURE, instead
↑
add underscore*

RAW SEQUENCE LISTING

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

W--> 61 <221> NAME/KEY: MISC FEATURE
 62 <222> LOCATION: (3)..(3)
 63 <223> OTHER INFORMATION: X3 is Asp or Asn
 W--> 64 <220> FEATURE:
 W--> 65 <221> NAME/KEY: MISC FEATURE
 66 <222> LOCATION: (4)..(4)
 67 <223> OTHER INFORMATION: X4 is absent or Gly
 W--> 68 <220> FEATURE:
 69 <221> NAME/KEY: MISC FEATURE
 70 <222> LOCATION: (5)..(5)
 71 <223> OTHER INFORMATION: X5 is absent, Asp, or Phe
 W--> 73 <220> FEATURE:
 74 <221> NAME/KEY: MISC FEATURE
 75 <222> LOCATION: (6)..(6)
 76 <223> OTHER INFORMATION: X6 is absent, Ala, or Phe
 W--> 78 <220> FEATURE:
 79 <221> NAME/KEY: MISC FEATURE
 80 <222> LOCATION: (7)..(7)
 81 <223> OTHER INFORMATION: X7 is absent or Ala
 83 <400> SEQUENCE: 3
 W--> 85 Xaa Gly Xaa Xaa Xaa Xaa Xaa
 E--> 86 1 5 *same*
 89 <210> SEQ ID NO: 4
 90 <211> LENGTH: 5
 91 <212> TYPE: PRT
 92 <213> ORGANISM: artificial
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: upregulator of telomerase expression
 97 <400> SEQUENCE: 4
 99 Asp Gly Asp Gly Asp *same*
 E--> 100 1 5
 103 <210> SEQ ID NO: 5
 104 <211> LENGTH: 6
 105 <212> TYPE: PRT
 106 <213> ORGANISM: artificial
 108 <220> FEATURE:
 109 <223> OTHER INFORMATION: upregulator of telomerase expression
 111 <400> SEQUENCE: 5
 113 Asp Gly Asp Gly Phe Ala
 E--> 114 1 5 *same*
 117 <210> SEQ ID NO: 6
 118 <211> LENGTH: 7
 119 <212> TYPE: PRT
 120 <213> ORGANISM: artificial
 122 <220> FEATURE:
 123 <223> OTHER INFORMATION: upregulator of telomerase expression
 125 <400> SEQUENCE: 6
 127 Asp Gly Asp Gly Asp Phe Ala
 E--> 128 1 5 *same*

RAW SEQUENCE LISTING

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

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131 <210> SEQ ID NO: 7
132 <211> LENGTH: 7
133 <212> TYPE: PRT
134 <213> ORGANISM: artificial
136 <220> FEATURE:
137 <223> OTHER INFORMATION: upregulator of telomerase expression
139 <400> SEQUENCE: 7
141   Asp Gly Asn Gly Asp Phe Ala
E--> 142   1 5 same
145 <210> SEQ ID NO: 8
146 <211> LENGTH: 7
147 <212> TYPE: PRT
148 <213> ORGANISM: artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: upregulator of telomerase expression
153 <400> SEQUENCE: 8
155 Asn Gly Asn Gly Asp Phe Ala
E--> 156 1 5 same
159 <210> SEQ ID NO: 9
160 <211> LENGTH: 7
161 <212> TYPE: PRT
162 <213> ORGANISM: artificial
164 <220> FEATURE:
165 <223> OTHER INFORMATION: upregulator of telomerase expression
167 <400> SEQUENCE: 9
169 Asn Gly Asp Gly Asp Phe Ala
E--> 170 1 5 same
171 <210> SEQ ID NO: 10
172 <211> LENGTH: 8
173 <212> TYPE: PRT
174 <213> ORGANISM: artificial
176 <220> FEATURE:
177 <223> OTHER INFORMATION: upregulator of telomerase expression
180 <220> FEATURE:
181 <221> NAME/KEY: MISC_FEATURE
182 <222> LOCATION: (1)..(1)
183 <223> OTHER INFORMATION: X1 is absent or Ser
185 <220> FEATURE:
186 <221> NAME/KEY: MISC_FEATURE
187 <222> LOCATION: (2)..(2)
188 <223> OTHER INFORMATION: X2 is absent or Lys
190 <400> SEQUENCE: 10
W--> 192 Xaa Xaa Met Thr Leu Thr Gln Pro
E--> 193 1 5 same
196 <210> SEQ ID NO: 11
197 <211> LENGTH: 6
198 <212> TYPE: PRT
199 <213> ORGANISM: artificial
201 <220> FEATURE:

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RAW SEQUENCE LISTING

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

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202 <223> OTHER INFORMATION: upregulator of telomerase expression
204 <400> SEQUENCE: 11
206 Met Thr Leu Thr Gln Pro
E--> 207 1 5 none
223 <210> SEQ ID NO: 13
224 <211> LENGTH: 5
225 <212> TYPE: PRT
226 <213> ORGANISM: artificial
228 <220> FEATURE:
229 <223> OTHER INFORMATION: upregulator of telomerase expression
W--> 230 <220> FEATURE:
231 <221> NAME/KEY: MISC_FEATURE
232 <222> LOCATION: (3)..(3)
233 <223> OTHER INFORMATION: X3 is Glu or Leu
W--> 234 <220> FEATURE:
235 <221> NAME/KEY: MISC_FEATURE
236 <222> LOCATION: (4)..(4)
237 <223> OTHER INFORMATION: X4 is Ala or Glu
W--> 239 <220> FEATURE:
240 <221> NAME/KEY: MISC_FEATURE
241 <222> LOCATION: (5)..(5)
242 <223> OTHER INFORMATION: X5 is absent, Leu, or Ala
244 <400> SEQUENCE: 13
W--> 246 Asp Gly Xaa Xaa Xaa none
E--> 247 1 5
264 <210> SEQ ID NO: 15
265 <211> LENGTH: 11
266 <212> TYPE: PRT
267 <213> ORGANISM: artificial
269 <220> FEATURE:
270 <223> OTHER INFORMATION: upregulator of telomerase expression
273 <220> FEATURE:
274 <221> NAME/KEY: MISC_FEATURE
275 <222> LOCATION: (1)..(2)
276 <223> OTHER INFORMATION: X1 and X2 are absent or are any amino acid
278 <220> FEATURE:
279 <221> NAME/KEY: MISC_FEATURE
280 <222> LOCATION: (5)..(5)
281 <223> OTHER INFORMATION: X5 is Glu or Leu
283 <220> FEATURE:
284 <221> NAME/KEY: MISC_FEATURE
285 <222> LOCATION: (6)..(6)
286 <223> OTHER INFORMATION: X6 is Ala or Glu
288 <220> FEATURE:
289 <221> NAME/KEY: MISC_FEATURE
290 <222> LOCATION: (7)..(7)
291 <223> OTHER INFORMATION: X7 is absent, Leu, or Ala
293 <220> FEATURE:
294 <221> NAME/KEY: MISC_FEATURE

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

295 <222> LOCATION: (8)..(11)
 296 <223> OTHER INFORMATION: X8, X9, X10, X11 are absent or are any amino acid
 298 <400> SEQUENCE: 15
 W--> 300 Xaa Xaa Asp Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 E--> 301 1 5 10 *same*
 304 <210> SEQ ID NO: 16
 305 <211> LENGTH: 5
 306 <212> TYPE: PRT
 307 <213> ORGANISM: artificial
 309 <220> FEATURE:
 310 <223> OTHER INFORMATION: upregulator of telomerase expression
 312 <400> SEQUENCE: 16
 314 Asp Gly Glu Ala Leu *same*
 E--> 315 1 5
 318 <210> SEQ ID NO: 17
 319 <211> LENGTH: 5
 320 <212> TYPE: PRT
 321 <213> ORGANISM: artificial
 323 <220> FEATURE:
 324 <223> OTHER INFORMATION: upregulator of telomerase expression
 326 <400> SEQUENCE: 17
 328 Asp Gly Leu Glu Ala
 E--> 329 1 5 *same*
 331 <210> SEQ ID NO: 18
 332 <211> LENGTH: 6
 333 <212> TYPE: PRT
 334 <213> ORGANISM: artificial
 336 <220> FEATURE:
 337 <223> OTHER INFORMATION: upregulator of telomerase expression
 339 <400> SEQUENCE: 18
 341 Glu Thr Leu Gln Phe Arg
 E--> 342 1 5 *same*
 345 <210> SEQ ID NO: 19
 346 <211> LENGTH: 8
 347 <212> TYPE: PRT
 348 <213> ORGANISM: artificial
 350 <220> FEATURE:
 351 <223> OTHER INFORMATION: upregulator of telomerase expression
 353 <400> SEQUENCE: 19
 355 Gln Tyr Ser Ile Gly Gly Pro Gln
 E--> 356 1 5 *same*
 359 <210> SEQ ID NO: 20
 360 <211> LENGTH: 8
 361 <212> TYPE: PRT
 362 <213> ORGANISM: artificial
 364 <220> FEATURE:
 365 <223> OTHER INFORMATION: upregulator of telomerase expression
 367 <400> SEQUENCE: 20
 369 Ser Asp Arg Ser Ala Arg Ser Tyr

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

E--> 370 1 5 *same*
 373 <210> SEQ ID NO: 21
 374 <211> LENGTH: 12
 375 <212> TYPE: PRT
 376 <213> ORGANISM: artificial
 378 <220> FEATURE:
 379 <223> OTHER INFORMATION: upregulator of telomerase expression
 381 <400> SEQUENCE: 21
 383 Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu

E--> 384 1 5 10 *same*
 387 <210> SEQ ID NO: 22
 388 <211> LENGTH: 5
 389 <212> TYPE: PRT
 390 <213> ORGANISM: artificial
 392 <220> FEATURE:
 393 <223> OTHER INFORMATION: upregulator of telomerase expression
 395 <400> SEQUENCE: 22
 397 Asn Gly Asn Gly Asp

E--> 398 1 5 *same*
 401 <210> SEQ ID NO: 23
 402 <211> LENGTH: 5
 403 <212> TYPE: PRT
 404 <213> ORGANISM: artificial
 406 <220> FEATURE:
 407 <223> OTHER INFORMATION: upregulator of telomerase expression
 409 <400> SEQUENCE: 23

E--> 412 Asp Gly Asn Gly Asp *use lower-case "l", not numeral "1"*
 E--> 413 1 5 *same*
 414 <210> SEQ ID NO: 24
 415 <211> LENGTH: 5
 416 <212> TYPE: PRT
 417 <213> ORGANISM: artificial

W--> 418 <220> FEATURE:
 419 <223> OTHER INFORMATION: upregulator of telomerase expression
 421 <400> SEQUENCE: 24
 422 Asn Gly Asp Gly Asp

E--> 423 1 5 *same*
 434 <210> SEQ ID NO: 26
 435 <211> LENGTH: 6
 436 <212> TYPE: PRT
 437 <213> ORGANISM: artificial

W--> 438 <220> FEATURE:
 439 <223> OTHER INFORMATION: upregulator of telomerase expression
 441 <400> SEQUENCE: 26
 443 Asp Gly Asp Gly Phe Ala

E--> 444 1 5 *same*
 460 <210> SEQ ID NO: 28
 461 <211> LENGTH: 6
 462 <212> TYPE: PRT

RAW SEQUENCE LISTING

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

463 <213> ORGANISM: artificial
W--> 464 <220> FEATURE:
465 <223> OTHER INFORMATION: upregulator of telomerase expression
W--> 466 <400> SEQUENCE: 28
468 Asp Gly Asn Gly Phe Ala
E--> 469 1 5 *same*
487 <210> SEQ ID NO: 31
488 <211> LENGTH: 18
489 <212> TYPE: DNA
490 <213> ORGANISM: artificial
W--> 491 <220> FEATURE:
492 <223> OTHER INFORMATION: reverse primer for use in telomerase assay
W--> 493 <400> SEQUENCE: 31
494 ctaaccctaa ccctaacc 18
E--> 495 ⁽¹⁾ *delete*

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/08/2005
PATENT APPLICATION: US/10/511,530 TIME: 09:54:57

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\08082005\J511530.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31

VERIFICATION SUMMARY

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PATENT APPLICATION: US/10/511,530

TIME: 09:54:57

Input Set : A:\PTO.YE.txt

Output Set: N:\CRF4\08082005\J511530.raw

L:9 M:283 W: Missing Blank Line separator, <130> field identifier
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:30 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1
L:44 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
L:56 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:61 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:64 M:283 W: Missing Blank Line separator, <220> field identifier
L:65 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:68 M:283 W: Missing Blank Line separator, <220> field identifier
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:332 Repeated in SeqNo=3
L:100 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4
L:114 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5
L:128 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6
L:142 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7
L:156 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:170 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
M:332 Repeated in SeqNo=10
L:207 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11
L:230 M:283 W: Missing Blank Line separator, <220> field identifier
L:234 M:283 W: Missing Blank Line separator, <220> field identifier
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
M:332 Repeated in SeqNo=13
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:332 Repeated in SeqNo=15
L:315 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:16
L:329 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17
L:342 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18
L:356 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:19
L:370 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20
L:384 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:21
L:398 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:22
L:412 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:413 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:23
L:418 M:283 W: Missing Blank Line separator, <220> field identifier
L:423 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:24
L:428 M:283 W: Missing Blank Line separator, <220> field identifier
L:430 M:283 W: Missing Blank Line separator, <400> field identifier
L:438 M:283 W: Missing Blank Line separator, <220> field identifier
L:444 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:26
L:464 M:283 W: Missing Blank Line separator, <220> field identifier
L:466 M:283 W: Missing Blank Line separator, <400> field identifier
L:469 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:28
L:474 M:283 W: Missing Blank Line separator, <220> field identifier
L:476 M:283 W: Missing Blank Line separator, <400> field identifier
L:478 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:29
L:483 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY

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TIME: 09:54:57

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\08082005\J511530.raw

L:485 M:283 W: Missing Blank Line separator, <400> field identifier
L:491 M:283 W: Missing Blank Line separator, <220> field identifier
L:493 M:283 W: Missing Blank Line separator, <400> field identifier
L:495 M:254 E: No. of Bases conflict, this line has no nucleotides.